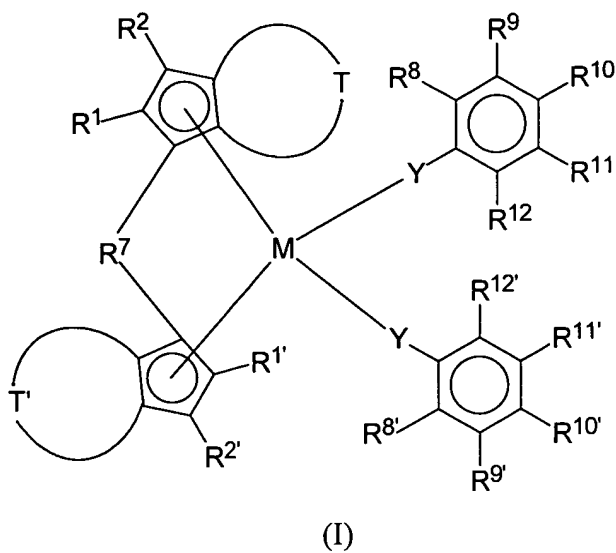
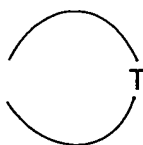


AMENDMENTS TO THE CLAIMS

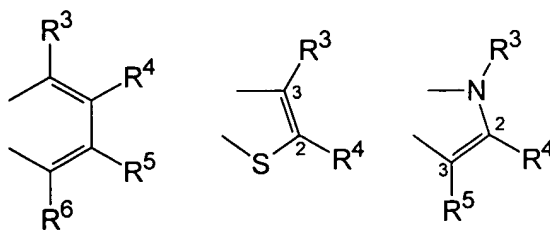
1. (Currently Amended) A process for preparing racemic metallocene complexes of the formula (I)



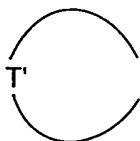
where



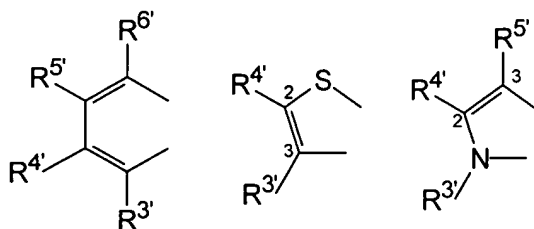
is a divalent group ~~such as~~



and



is a divalent group ~~such as~~



and the substituents and indices have the following meanings:

M is titanium, zirconium, hafnium,

$R^1, R^2, R^3, R^4, R^5, R^6, R^9, R^{10}, R^{11}, R^{1'}, R^{2'}, R^{3'}, R^{4'}, R^{5'}, R^{6'}, R^{9'}, R^{10'}, R^{11'}$ are identical or different and are each hydrogen, halogen, C_1 - C_{20} -alkyl, 3- to 8-membered cycloalkyl which may in turn bear a C_1 - C_{10} -alkyl group as substituent, C_6 - C_{15} -aryl, alkylaryl having from 1 to 10 carbon atoms in the alkyl part and from 6 to 20 carbon atoms in the aryl part, arylalkyl having from 1 to 10 carbon atoms in the alkyl part and from 6 to 20 carbon atoms in the aryl part, $-OR^{13}$, $-SR^{13}$, $-N(R^{13})_2$, $-P(R^{13})_2$, or $Si(R^{13})_3$, where

R^{13} are identical or different and are each C_1 - C_{10} -alkyl, C_6 - C_{15} -aryl, C_3 - C_{10} -cycloalkyl, alkylaryl, where the radicals mentioned may be partially or fully substituted by heteroatoms,

$R^8, R^{12}, R^{8'}, R^{12'}$ are identical or different and are each C_1 - C_{10} -alkyl,

Y are oxygen -O-

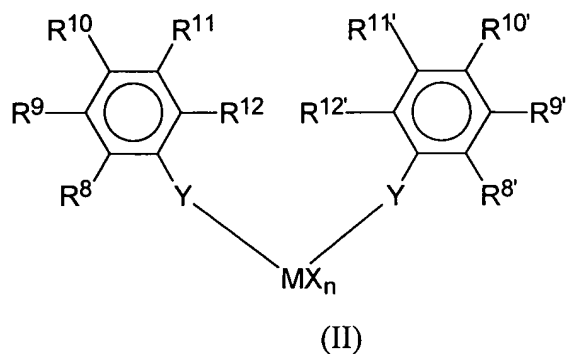
R^7 is a $-[Z(R^{15})(R^{16})]_m-$ group, where

Z can be identical or different and are each silicon, germanium, tin or carbon,

R^{15}, R^{16} are each hydrogen, C_1 - C_{10} -alkyl, C_3 - C_{10} -cycloalkyl or C_6 - C_{15} -aryl,

m is 1, 2, 3 or 4,

by reacting a transition metal complex of the formula (II)

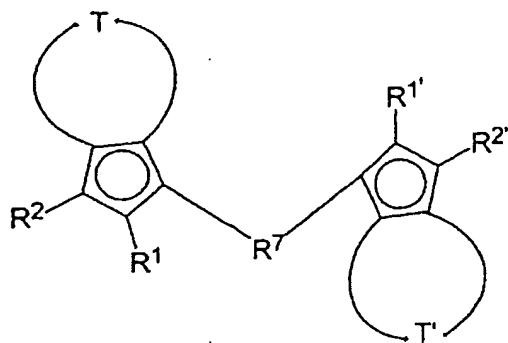


where

X are identical or different and are each hydrogen, halogen, C_1 - C_{10} -alkyl, C_6 - C_{15} -aryl, alkylaryl having from 1 to 10 carbon atoms in the alkyl part and from 6 to 20 carbon atoms in the aryl part, $-OR^{17}$ or $-NR^{17}_2$, where R^{17} are identical or different and are each C_1 - C_{10} -alkyl, C_6 - C_{15} -aryl, C_3 - C_{10} -cycloalkyl, alkylaryl,

n is an integer from 1 to 4 and corresponds to the valence of M minus 2,

with cyclopentadienyl derivatives of the formula (III)



pM^2

where

M^2 is an alkali metal ion or alkaline earth metal ion,

and

p is 1 when M^2 is an alkaline earth metal ion and is 2 when M^2 is an alkali metal ion,

and heating the resulting reaction mixture to a temperature in the range from -78 to $+250^{\circ}\text{C}$.

Claims 2-15 (Canceled)